PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

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## UTILITY PATENT APPLICATION TRANSMITTAL

	<del></del>			
Attorney Docket No.	OSU1159-150B			
First Inventor	Arthur J. Epstein			
Title	SPIN DRIVEN RESISTORS AND NANOGATES			
Express Mail Label No.	EV 309293070 US			
	Mail Stop Patent Application			

(Only for new nonprovisional applications under or or it is established.	Express Mail Cabel No.  EV 309293070 US					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450					
1.	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission all necessary)  a. Computer Reader Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  C. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS					
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]  5. Oath or Declaration [Total Sheets]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specially itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122					
6. Application Data Sheet. See 37 CFR 1.76	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other: PTO-1449 and check					
1 8. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 3 7 CFR 1. 76:						
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the	of prior application No.:  Art Unit.,  Per prior application, from which an oath or declaration is supplied under Box					
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPON	DENCE ADDRESS					
Customer Number: 08698	OR Correspondence address below					
Name						
Address						
City	State Zip Code					
<u>`</u>	elephone Fax					
Name (Print/Type) Michael Stonebrook Registration No. (Attorney/Agent) 53,851  Signature Date September 19, 2003						
signature / Mucel Olore 0100/	September 19, 2003					

This collection of informatidal is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



September 19, 2003

PTO/SB/17 (05-03)
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## FEE TRANSMITTAL

Effective 0110112003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR, 1.27

TOTAL AMOUNT OF PAYMENT

Signature

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Œ	375.00	
Þ	3/3.00	

С	omplete if Known	
Application Number		
Filing Date	September 19, 2003	
First Named inventor	Arthur J. Epstein	
Examiner Name		
Art Unit		
Attorney Docket No.	OSU1159-150B	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check Credit card Money Other None		3. ADDITIONAL FEES				
Order L		Large Entity	Small E	ntity		
Deposit Account:  Deposit		Fee Fee Code (\$)	Fee Fe		Description	Fee Paid
Account 19-4076		1051 130		65 Surcharge - late filing fee or oath		ree Falo
Number Deposit		1052 50	1	•	rovisional filing fee or	
Account Name		1		cover sheet	_	
The Director is authorized to	: (check <u>all t</u> hat apply)	1053 130	1	30 Non-English spec	st for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application		1812 2,520 1804 920*		-	cation of SIR prior to	
		1804 920	1004 9.	Examiner action	cation of SIK prior to	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1805 1,840*	1805 1,840* Requesting publication of SIR after Examiner action			
<u> </u>	CALCULATION	1251 110	2251 55 Extension for reply within first month			
1. BASIC FILING FEE		1252 410	2252 2	05 Extension for rep	ly within second month	
Large Entity Small Entity		1253 930	2253 4	253 465 Extension for reply within third month		
Fee Fee Fee Fee Code (\$)	Fee Description Fee Paid	1254 1,450	2254 7	25 Extension for rep	ly within fourth month	
1001 750 2001 375	Utility filing fee 375.00	1255 1,970	2255 9	85 Extension for rep	ly within fifth month	
1002 330 2002 165	Design filing fee	1401 320	2401 1	160 Notice of Appea	al	<b></b>
1003 520 2003 260	Plant filing fee	1402 320	2402 1	160 Filing a brief in s	upport of an appeal	
1004 750 2004 375	Reissue filing fee	1403 280	2403 1	140 Request for oral	hearing	<b></b>
1005 160 2005 80	Provisional filing fee	1451 1,510	1451 1,	51 0 Petition to institu	ute a public use proceeding	
SUBTOTAL(I) (\$) 375.00		1452 110	2452 55 Petition to revive - unavoidable			<u> </u>
		1453 1,300	2453 6	50 Petition to revive	- unintentional	ļ
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims Independent Claims Multiple Dependent  -20-=		1501 1,300	2501 6	50 Utility issue fee (	(or reissue)	
		1502 470	2502 2	235 Design issue fe	е	
		1503 630	2503	2503 315 Plant issue fee		
		1460 130	1460 1	1460 130 Petitions to the Commissioner		
		1807 50	1807	1807 50 Processing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity		1806 180	1806	1806 180 Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)		8021 40	8021 40 Recording each patent assignment per property (times number of properties)			
1202 18 2202 9	Claims in excess of 20	1809 750	2809		ion after final rejection	
1201 84 2201 42	Independent claims in excess of 3	1		(37 CFR 1.129		<b> </b>
1203 280 2203 14	0 Multiple dependent claim, if not paid	1810 750	2810	375 For each additio examined (37)		
1204 84 2204 42 **Reissue independent claims over original patent		1801 750	2801		intinued Examination (RCE)	
1205 18 2205	g ** Reissue claims in excess of 20 and over original patent	1802 900	1802	900 Request for ex	pedited examination	
		Other fee (specify)				
SUBTOTAL (2) \$ 0.00				ing Fee Paid	SUBTOTAL (3) \$ 0.00	
or number previously paid, il greater, For Reissues, see above						
SUBMITTED BY	Dogietes	tion No	<del>_</del>	(Complete (if applicable)		
Name (Print/Type) Mic	Registra (Attorne)		53,851	Telephone 614-792-5555		

WARNING: Informati n on this form may bec me public. Credit card information should not b includ d n this form. Pr vide cr dit card informati n and authorization n PTO-2038.

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